Costs and Returns per acre from growing soft white wheat, 2006
Utah County

<table>
<thead>
<tr>
<th>Receipts</th>
<th>Quantity per acre</th>
<th>Unit</th>
<th>Price/cost per unit</th>
<th>Value/cost per acre</th>
<th>Base Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheat</td>
<td>86.5</td>
<td>bushels</td>
<td>$4.28</td>
<td>$370.51</td>
<td>$370.51</td>
</tr>
<tr>
<td>Straw</td>
<td>0.90</td>
<td>tons</td>
<td>$48.00</td>
<td>$43.20</td>
<td>$43.20</td>
</tr>
</tbody>
</table>

Subtotal
$413.71
$413.71

Operating costs

Land preparation
- Plowing
  - 1 acre: $5.88
- Discing
  - 2 acres: $7.47
- Land plane
  - 1 acre: $3.34
- Roller harrow
  - 2 acres: $7.28
- Planting
  - 1 acre: $2.96
- Seed
  - 120 pounds: $0.17
Fertilization
- Nitrogen 100 lb/ac (34-0-0)
  - 278 pounds: $0.18
- Phosphate 25 lb/ac (11-52-0)
  - 48 pounds: $0.18
- Custom application
  - 1 acre: $7.82
Pesticides/herbicides
- Puma
  - 0.67 pint: $25.00
- 2-4-D
  - 1.25 pint: $2.75
- Custom application
  - 1 acre: $7.82
Irrigation (wheel line)
- Labor
  - 0.67 hours: $6.67
- Water assessment
  - 1 share: $10.00
- Repairs/maintenance
  - 1 acre: $2.30
- Pumping
  - 24 acre inch: $0.00
Harvesting
- Custom combine
  - 1 acre: $26.00
- Haul grain (custom)
  - 86.5 bushels: $0.06
- Baling
  - 0.90 tons: $4.79
- Haul/stack straw
  - 0.90 tons: $3.63
- Crop insurance (75% Yield, 100% Price)
  - 1 acre: $15.26
- Interest on operating capital
  - 7.61%: $5.87

Subtotal
$220.14
$220.27

Ownership costs (excludes cost of land)

- Insurance
  - 1 acre: $2.00
- Machinery ownership costs
  - 1 acre: $95.15
- Irrigation equipment costs
  - 1 acre: $8.25

Total costs
$325.54
$325.68

Net returns to owner for unpaid labor, management, equity and risk

Above operating costs
$193.57
$193.43

Above total costs
$88.17
$88.03

Breakeven Table - Wheat

<table>
<thead>
<tr>
<th>Yield (Bu/Ac)</th>
<th>Selling Price ($/Bu)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$3.28</td>
</tr>
<tr>
<td>71.50</td>
<td>$58.72</td>
</tr>
<tr>
<td>76.50</td>
<td>$74.83</td>
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<tr>
<td>81.50</td>
<td>$90.95</td>
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<tr>
<td>86.50</td>
<td>$107.07</td>
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<tr>
<td>91.50</td>
<td>$123.18</td>
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<tr>
<td>96.50</td>
<td>$139.30</td>
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<tr>
<td>101.50</td>
<td>$155.42</td>
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